

Amendments to the Claims

The following listing of claims will replace all prior versions and listings of claims in the application.

1. (Previously Presented) A spring element comprising a first elastic member and a conductive member, said first elastic member being comprised of a first elastomeric material having a first modulus of elasticity, said first elastic member having a portion of said first elastomeric material removed, forming a hole in said first elastic member such that said spring element has an overall modulus of elasticity different from said first modulus of elasticity.
2. (Cancelled)
3. (Original) The spring element of claim 1, wherein said first elastic member is o-ring shaped.
4. (Original) The spring element of claim 1, wherein said first elastic member has a plurality of holes formed therein.
5. (Original) The spring element of claim 4, further comprising a second elastic member comprised of a second elastomeric material having a second modulus of elasticity, said second elastic member positioned in at least one of said plurality of holes formed in said first elastic member such that said overall modulus of elasticity is different from said first and second moduli of elasticity.
6. (Original) The spring element of claim 5, further comprising a plurality of said second elastic members, said plurality of said second elastic members positioned in a plurality of said plurality of holes in said first elastic member.
7. (Cancelled)

8. (Cancelled)
9. (Original) The spring element of claim 1, wherein said conductive member comprises a plurality of conductive particles.
10. (Original) The spring element of claim 9, wherein said plurality of conductive particles are interspersed within said first elastic member.
11. (Original) The spring element of claim 1, wherein said conductive member comprises a layer of conductive material formed over said first elastic member.
12. (Original) The spring element of claim 1, wherein said conductive member comprises a plurality of conductive threads.
13. (Original) The spring element of claim 12, wherein said plurality of conductive threads comprise a plurality of non-conductive threads having a conductive coating.
14. (Original) The spring element of claim 12, wherein said plurality of conductive threads form a covering around said first elastic member.
15. (Original) The spring element of claim 1, wherein said conductive member is comprised of conductive material selected from the group consisting of gold, aluminum, nickel, silver, stainless steel, and alloys thereof.
16. (Original) A spring element comprising a first elastic member, a second elastic member and a conductive member, said first elastic member being comprised of a first elastomeric material having a first modulus of elasticity, said second elastic member being comprised of a second elastomeric material having a second modulus of elasticity, said second elastic member

positioned within said first elastic member such that said spring element has an overall modulus of elasticity different from said first and second moduli of elasticity.

17. (Original) The spring element of claim 16, further comprising a plurality of said second elastic members positioned within said first elastic member.

18. (Original) The spring element of claim 16, wherein said conductive member comprises a plurality of conductive particles.

19. (Original) The spring element of claim 16, wherein said conductive member comprises a layer of conductive material formed over said first elastic member.

20. (Original) The spring element of claim 16, wherein said conductive member comprises a plurality of conductive threads.

21. (Previously Presented) A spring element comprising a plurality of elastomeric threads interwoven with conductive threads.

22. (Cancelled)

23. (Cancelled)

24. (Cancelled)

25. (Currently Amended) A spring element comprising a conductive member and an elastic member having a variable spring constant, said conductive member comprising a plurality of conductive particles disposed within said elastic member.

26. (Currently Amended) ~~The~~ A spring element ~~of claim 25~~ comprising a conductive member and an elastic member having a variable spring constant, wherein said conductive member comprises comprising a plurality of conductive particles disposed on top of said elastic member.

27. (Currently Amended) ~~The~~ A spring element ~~of claim 25, wherein said conductive member comprises~~ comprising a layer of conductive member material formed over said first and an elastic member, said conductive member comprising a layer of conductive material formed at least on a surface of or within said elastic member.

28. (Currently Amended) The spring element of claim ~~25~~ 27, wherein said conductive member comprises a plurality of conductive threads.

29.-71. (Cancelled)

72. (Original) The spring element of claim 1, wherein said conductive member comprises carbon.

73. (Cancelled)

74. (Previously Presented) A spring element according to claim 21, further comprising a layer of conductive material formed over an elastic member.